

SEQUENCE LISTING

<110> Heil, James R

Heil, James R Jayasena, Sumedha D

<120> Aptamer Based Two-Site Binding Assay

<130> NEX 89

<140> 09/681,508

<141> 2001-04-18

<150> 60/198,016

<151> 2000-04-18

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<170> PatentIn Ver. 2.0

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<220>

<223> Description of Artificial Sequence: Synthetic Nucleic Acid Ligand

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32

49

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<400	> 3	0.5
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-010	- A	
<210 <211		
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<223	Nucleic Acid Ligand	
	Nucleic Word Digano	
<220	>	
	> modified_base	
<222	> (32)	
<223	> C at position 32 is derivatized with a fluorescein	
	at the 3' carbon.	
<400)> 4	
gtag	stcactg gttggtgagg ttgggtgact ac	32
)> 5	
	L> 38 2> DNA	
	3> Artificial Sequence	
\Z1.	Jo Michigan godanio	
<22		
<22	3> Description of Artificial Sequence: Synthetic	
	Nucleic Acid Ligand	
<22	0>	
	1> modified_base	
<22	2> (38)	
<22	3> T at position 38 is derivatized with a fluorescein	
	at the 3' carbon.	
~ 4 ^	0> 5	
	gtcactg gttggtgagg ttgggtgact acttttt	38
gta	gccccg gccgg-s-555 5	
<21	0> 6	
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	2> DNA	
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	Nucleic Mora Digana	
<220>		
	modified_base	
<222>	(1) G at position 1 is derivatized with a fluorescein	
\223 /	at the 5' carbon.	
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gtagt	cactg gttggtgagg ttgggtgact ac	32
<210>	7	
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<220>		
<223>	Description of Artificial Sequence: Synthetic	
	Nucleic Acid Ligand	
<220>		
<221>	modified_base	
<222>	· ·	
<223>	T at position 1 is derivatized with a fluorescein at the 5' carbon.	
	at the 5 carson.	
<400>		38
ttttt	tgtag tcactggttg gtgaggttgg gtgactac	50
<210>	> 8	
<211>	> 70	
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	> (35)(36)	
<223	> The residues at positions 35 and 36 are connected by a glycol phosphoramidite linker derivatized	
	with a fluoresceinated thymidine.	
	·	

	<400> 8 gtagtcactg gttggtgagg ttgggtgact actttttca tcagtgggtt ggagtggttg gtcactgatg	60 70
	<210> 9	
	<211> 37	
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	<221> modified_base	
ļ 1	<222> (37)	
that that could the sent ones are	<223> C at position 37 is derivatized with a fluorescein at the 3' carbon.	
5 -{	<400> 9	2.7
erig :	gcttagtccg tggtagggca ggttggggtg actaagc	37
j	<210> 10	
	<211> 43	
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4	<223> Description of Artificial Sequence: Synthetic Nucleic Acid Ligand	
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	<222> (43)	
	<223> T at position 43 is derivatized with a fluorescein at the 3' carbon.	
	<400> 10	43
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	<211> 37	
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	<221> modified_base <222> (1)	
	<223> G at position 1 is derivatized with a fluorescein	
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	<211> 42	
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2	<223> Description of Artificial Sequence: Synthetic	
u: M	Nucleic Acid Ligand	
	<220>	
ui M	<221> modified_base	
oj Oj	<222> (1)	
# ·	<223> T at position 1 is derivatized with a fluorescein	
o	at the 5' carbon.	
rosz. Taganasa	<400> 12 42	
T T	tttttgctta gtccgtggta gggcaggttg gggtgactaa gc 42	
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